

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number: AVSI-0009 (108328.00031)
In re application of: Robert J. Schwarz, et al.
Serial No.: 10/021,403
Filed: December 12, 2001
Art Unit: 1632
Examiner: Joanne Hama
For: ADMINISTRATION OF NUCLEIC ACID SEQUENCE TO
FEMALE ANIMAL TO ENHANCE GROWTH IN OFFSPRING

Mail Stop AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING: I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop AMENDMENT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on

11-9-05
T. Ling Chwang
(Printed or typed name of person signing certificate)
T. Ling Chwang
(Signature of the person signing the certificate)

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Herewith is Form PTO-1449 together with one copy of each document listed thereon. Please note also any item(s) designated below:

- _____ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, which ever event occurs last 37 C.F.R. § 1.97(b).
- X The fee set forth in 37 CFR 1.17(p) X is enclosed _____ may be charged to Deposit Account Number 50-1752.
- _____ Each document listed on enclosed Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this correspondence.

Respectfully submitted,

T. Ling Chwang
Reg. No. 33,590
Date: Nov. 9, 2005

Jackson Walker L.L.P.
2435 N. Central Expressway, Suite 600
Richardson, Texas 75080
Phone: 972-744-2919
Fax: 972-238-3319

11/16/2005 DEMMANU1 00000010 10021403

01 FC:1806

180.00 OP

4091576v.1 108328/00031



(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Application Number	10/021,403
Filing Date	December 12, 2001
First Named Inventor	Robert J. Schwartz
Art Unit	1632
Examiner Name	Joanne Hama
Attorney Docket Number	AVSI-0009 (108328.00031)

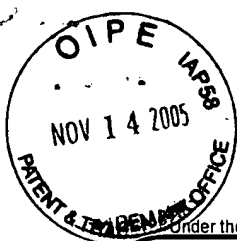
[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)				
	2	EP 0 317 387 A1	05/24/1989	Institut Nation	Entire Document	
	3	WO 92/00095	01/09/1992	Hoffmann	Entire Document	
	4	WO 99/05300	02/04/1999	Genemedicine	Entire Document	
	5	WO 01/06988 A2	02/01/2001	Baylor College	Entire Document	

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Doc#: 4091763



PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/021,403		
		Filing Date	December 12, 2001		
		First Named Inventor	Robert J. Schwarz		
		Art Unit	1632		
		Examiner Name	Joanne Hama		
Sheet	2	of	2	Attorney Docket Number	AVSI-0009 (108328.00031)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	6	DRAGHIA-AKLI R, Fiorotto ML, Hill LA, Malone PB, Deaver DR, Schwartz RJ. Myogenic expression of an injectable protease-resistant growth hormone-releasing hormone augments long-term growth in pigs. Nat Biotechnol. 1999 Dec;17(12):1179-83.	
	7	KHAN AS, Fiorotto ML, Hill LA, Malone PB, Cummings K, Parghi D, Schwartz RJ, Smith RG, Draghia-Akli R. GHRH Gene Delivery to Pregnant Rats Increases Somatotroph Population and Growth of Pups. Soc. for Neuroscience Abstract Viewer and Itinerary Planner. 2002. Program No. 74.3.	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Doc No.:

4091808